

XX
SO Sequence 26 AA;

Qy 69 ITNAMIIDYDTGIYKADIGIKNGKIHG 94
 |||:|:|||||||:|||
 nb 1 ITNALIVDYDTGIYKADIGIKDGKIAG 26

AAW16889

XX
AC AAW16889;

DT 20-JUN-1997 (first entry)

XX
DE Helicobacter pylori urease 56 B subunit-derived peptide.

XX
KW Antigen; antibody; vaccine; 23 A subunit; 56 B subunit; diagnostic;
KW diagnosis; immunogenicity; specificity; ss.

OS *Helicobacter pylori*.

XX
PN JP09087297-A.

XX
PD 31-MAR-1997

XX
PF 23-APR-1996; 96JP-00101601.

XX
PR 19-JUL-1995; 95JP-00182584.

XX
PA (TAKA/) TAKAHASHI H.

XX
DR WPI; 1997-255547/23.

XX Artificial antigen from *Helicobacter pylori* urease protein - also an
PT antibody induced by the artificial antigen, for use in an *H. pylori*
PT vaccine.

XX
PS Example 1; Page 6; 18pp; Japanese.

XX
CC AAW16868-W16922 are overlapping peptides used for the epitopic mapping of
CC the Helicobacter pylori urease protein 56 B subunit. Both the 23 A and 56
CC B subunits of H. pylori urease were investigated by epitopic mapping and
CC two groups of overlapping peptides were created. The peptide shown in
CC AAW16843, spanning amino acids 321-339 of subunit 56 B, and a fragment of
CC this peptide shown in AAW16844 were found to be the most suitable for use
CC in the production of a vaccine for protecting against H. pylori
CC infection. Antibodies raised against the peptides are also very useful in
CC diagnosis of H. pylori infection

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SO Sequence 19 AA;

Qy 211 EAGAIGFKLHEDWGTTPSA 229
|||:|||||
dh 1 EAGAIGFKIHEDWGTTPSA 19

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